



# JET PUMP MOTORS

## THREE PHASE

These versatile motors have the torque and durability for the toughest commercial applications, yet are also economical choices for residential applications. The motors are available with or without base and in Form J or C configurations.



**ODP**



**TEFC**

FRACTIONAL HP

GENERAL PURPOSE

NEMA PREMIUM EFFICIENCY

CRUSHER® DUTY

IEC TRU-METRIC™

PUMP MOTORS

DEFINITE PURPOSE

ADD-ON™ MODIFICATIONS

MOTOR TECHNICAL DATA

DRIVES & SOFT STARTERS

CONTROLS

### APPLICATIONS

- Commercial and Industrial pumps
- Residential pumps (Jacuzzis, pools, hot tubs)
- Jet pump motor system
- Hydraulic pumps

### STANDARD FEATURES

- Three-phase, 11 pole, 60Hz
- Voltage: 208-230/460V
- Squirrel cage rotor
- Ball bearings
- Fan cooled (internally)
- Service factor according to NEMA standard MG 1-18.329
- Insulation Class 'B' – ODP
- Insulation Class 'F' – TEFC
- Standard: NEMA-MG 1-18.326
- Rotation: Reversible
- Stainless steel shaft end
- Threaded center hole
- Color: Munsell N1 (Black)

### OPTIONAL FEATURES

- IV Pole
- Class 'F' insulation
- Special voltages
- Drip cover
- Automatic Overload Protection
- Other mounting configurations



All motors are tested according to IEEE 112 std. - method "B" or C390 CSA.



### THREADED – WITH BASE – ODP THREE PHASE

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	Service Factor	FL Amps 460V	FL Eff. %	"C" Dimension (in.)	Voltage	Notes
1/3	3600	56J	.3336OS3EJP56J	224	P1B	23	1.75	0.75	59.0	10.985	208-230/460V	§
1/2	3600	56J	.5036OS3EJP56J	236	P1B	24	1.60	1.05	61.0	10.985	208-230/460V	§
3/4	3600	56J	.7536OS3EJP56J	271	P1B	26	1.50	1.35	66.0	11.733	208-230/460V	§
1	3600	56J	00136OS3EJP56J	286	P1B	29	1.40	1.65	69.0	11.733	208-230/460V	§
1 1/2	3600	56J	00156OS3EJP56J	296	P1B	34	1.30	2.37	71.2	12.993	208-230/460V	§
2	3600	56J	00236OS3EJP56J	316	P1B	39	1.20	2.85	75.0	12.993	208-230/460V	§
3	3600	56HJ	00336OS3EJP56J	339	P1B	45	1.15	4.05	77.0	14.174	208-230/460V	§

- ELECTRICAL FEATURES ON PAGE B-30.
- MECHANICAL FEATURES ON PAGE B-82.

§ = Automatic Thermal Overload

# ET PUMP MOTORS



## THREADD LESS BASE – OB THREE PHASE

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	Service Factor	FL Amps 460V	FL Eff. %	"C" Dimension (in.)	Voltage	Notes
1/3	3600	56J	.3336OS3EJPR56J	229	P1B	23	1.75	0.75	59.0	10.985	208-230/460V	
1/2	3600	56J	.5036OS3EJPR56J	241	P1B	24	1.60	1.05	61.0	10.985	208-230/460V	
3/4	3600	56J	.7536OS3EJPR56J	278	P1B	26	1.50	1.35	66.0	11.733	208-230/460V	
1	3600	56J	00136OS3EJPR56J	287	P1B	29	1.40	1.65	69.0	11.733	208-230/460V	
1 1/2	3600	56J	00156OS3EJPR56J	305	P1B	34	1.30	2.37	71.2	12.993	208-230/460V	
2	3600	56J	00236OS3EJPR56J	321	P1B	39	1.20	2.85	75.0	12.993	208-230/460V	
3	3600	56HJ	00336OS3EJPR56J	350	P1B	45	1.15	4.05	77.0	14.174	208-230/460V	

- ELECTRICAL FEATURES ON PAGE B-30.
- MECHANICAL FEATURES ON PAGE B-82.



## RFD – C-FACE LESS BASE – OB THREE PHASE

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	Service Factor	FL Amps 460V	FL Eff. %	"C" Dimension (in.)	Voltage	Notes
1/3	3600	56C	.3336OS3EJPR56C	220	P1A	23	1.75	0.75	59.0	10.315	208-230/460V	
1/2	3600	56C	.5036OS3EJPR56C	224	P1A	24	1.60	1.05	61.0	10.315	208-230/460V	
3/4	3600	56C	.7536OS3EJPR56C	257	P1A	26	1.50	1.35	66.0	11.103	208-230/460V	
1	3600	56C	00136OS3EJPR56C	274	P1A	29	1.40	1.65	69.0	11.103	208-230/460V	
1 1/2	3600	56C	00156OS3EJPR56C	290	P1A	34	1.30	2.37	71.2	12.284	208-230/460V	
2	3600	56C	00236OS3EJPR56C	311	P1A	39	1.20	2.85	75.0	12.284	208-230/460V	
3	3600	56HC	00336OS3EJPR56C	332	P1A	45	1.15	4.05	77.0	13.645	208-230/460V	

- ELECTRICAL FEATURES ON PAGE B-30.
- MECHANICAL FEATURES ON PAGE B-82.



## THREADD – WH BASE – TEFC THREE PHASE

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	Service Factor	FL Amps 460V	FL Eff. %	"C" Dimension (in.)	Voltage	Notes
1/3	3600	56J	.3336ES3EJP56J	259	P1B	33	1.15	0.62	59.0	11.996	208-230/460V	
1/2	3600	56J	.5036ES3EJP56J	267	P1B	36	1.15	0.81	61.0	11.996	208-230/460V	
3/4	3600	56J	.7536ES3EJP56J	301	P1B	40	1.15	1.09	66.0	11.996	208-230/460V	
1	3600	56J	00136ES3EJP56J	344	P1B	44	1.15	1.44	69.0	11.996	208-230/460V	
1 1/2	3600	56J	00156ES3EJP56J	374	P1B	48	1.15	1.97	71.2	11.996	208-230/460V	
2	3600	56J	00236ES3EJP56J	421	P1B	58	1.15	2.67	75.0	13.150	208-230/460V	
3	3600	56HJ	00336ES3EJP56J	489	P1B	67	1.00	3.80	77.0	14.330	208-230/460V	

- ELECTRICAL FEATURES ON PAGE B-31.
- MECHANICAL FEATURES ON PAGE B-83.

FRACTIONAL HP

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## THREADD – LESS BASE – TEFC THREE PHASE

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	Service Factor	FL Amps 460V	FL Eff. %	"C" Dimension (in.)	Voltage	Notes
1/3	3600	56J	.3336ES3EJPR56J	268	P1B	33	1.15	0.62	59.0	11.996	208-230/460V	
1/2	3600	56J	.5036ES3EJPR56J	282	P1B	36	1.15	0.81	61.0	11.996	208-230/460V	
3/4	3600	56J	.7536ES3EJPR56J	319	P1B	40	1.15	1.09	66.0	11.996	208-230/460V	
1	3600	56J	00136ES3EJPR56J	346	P1B	44	1.15	1.44	69.0	11.996	208-230/460V	
1 1/2	3600	56J	00156ES3EJPR56J	378	P1B	48	1.15	1.97	71.2	11.996	208-230/460V	
2	3600	56J	00236ES3EJPR56J	430	P1B	58	1.15	2.67	75.0	13.150	208-230/460V	
3	3600	56HJ	00336ES3EJPR56J	503	P1B	67	1.00	3.80	77.0	14.330	208-230/460V	

- ELECTRICAL FEATURES ON PAGE B-31.
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## HTD – C' FACE LESS BASE – TEFC THREE PHASE

HP	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	Approx. Shipp. Weight Lbs	Service Factor	FL Amps 460V	FL Eff. %	"C" Dimension (in.)	Voltage	Notes
1/3	3600	56C	.3336ES3EJPR56C	257	P1A	33	1.15	0.62	59.0	11.496	208-230/460V	
1/2	3600	56C	.5036ES3EJPR56C	270	P1A	36	1.15	0.81	61.0	11.496	208-230/460V	
3/4	3600	56C	.7536ES3EJPR56C	293	P1A	40	1.15	1.09	66.0	11.496	208-230/460V	
1	3600	56J	00136ES3EJPR56C	346	P1B	44	1.15	1.44	69.0	11.996	208-230/460V	
1 1/2	3600	56C	00156ES3EJPR56C	371	P1A	48	1.15	1.97	71.2	11.496	208-230/460V	
2	3600	56C	00236ES3EJPR56C	401	P1A	58	1.15	2.67	75.0	12.677	208-230/460V	
3	3600	56HC	00336ES3EJPR56C	480	P1A	67	1.00	3.80	77.0	13.858	208-230/460V	

- ELECTRICAL FEATURES ON PAGE B-31.
- MECHANICAL FEATURES ON PAGE B-83.

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